





# THOMAS WELFLEY

## ENGINEERING MANAGER

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I build **engineering organizations** and amazing **software**. From **Python** and **JS** microservices to **SPAs** and **React Native** mobile apps, I have extensive experience shipping software across all parts of the stack. Further, I can define and implement the **hiring and management strategies** required to **scale**. From inception to production, either as part of a team or independently, I make software happen. Just say the word and **let's start building**.



09.2016  
Present

### HipHipGo Founder

Built and shipped a **mobile app** that alerts people when they stop at places that impact their health and that forecasts weight change based on activity and spending patterns. Built systems to geolocate credit card transactions based on profile and mobile device location cues, health score businesses based on aggregate visitor data, and **React Native** apps for **iOS** and **Android**.

10.2011  
09.2016

### Yola, Inc. VP of Engineering

Reorganized **global engineering team** supporting over 12 million users; enabled onboarding 40 additional engineers. Transitioned company from hiring full-stack engineers to specialists; established team-directed interview processes. Designed and executed transition from monolithic architecture to **microservice architecture**; from 13 deployed frontends and services to 62. Executed **micro-frontend** strategy for shipping UIs with independent stacks. Architected and led the execution of new partner **APIs**; secured strategic partnership with Plesk and additional venture capital.

### Director of Engineering

Decreased time to first release for new engineers from 3 months to 1 day. Executed transition from cypypasta standard library to over 100 well tested, **single purpose installables**. Organized and led a project to make millions of customer websites **responsive** by default. Rebuilt UIs and purchase flows to support 8 currencies and 18 languages, securing strategic, multinational partnerships with Google. Designed and secured the adoption of an organization-wide **code review** process, managing the review of 6,000 pull requests per year.

09.2009  
10.2011

### Match Strike LLC Cofounder, CTO

Designed and implemented new products; scaled **real-time web apps** for educators to 10,000 online courses. Secured opportunity to pitch product to a prominent seed capital firm. Worked extensively with Facebook and Twitter APIs; shipped first open source Twitter Streams API client for **Python**. Shipped software for clients with hundreds of thousands of users.



08.2002  
12.2006

### Bachelor of Science in Computer Science *University of Central Florida*

Founding member of UCF Student IT  
Advisory Council

3x AASCU presenter for leadership of  
colleges and universities